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Erie County Technical Inst., Buffalo, N.Y.

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This report on a 4-month survey was made to assist in the academic planning for the urban (Buffalo) campus of Erie Community College. The Office of Institute Research reviewed current literature and (by interview, questionnaire, and group discussion) sought opinions from educators, businessmen, community leaders, and students. It collected data on (1) the number of students interested in attending the campus, (2) how they differed from those at other colleges, (3) what programs should be offered, (4) whether these would overlap or interfere with established programs, (5) what programs the students wanted, (6) what programs community leaders preferred, (7) the best balance of vocational, technical, and liberal arts courses. (Site and availability of public transportation were already known.) A questionnaire was sent to 122 firms; 84 replied, with their recommendations for occupational, transfer, and vocational programs. Of 41 high schools questioned, 27 listed the programs and courses they felt most important and described the characteristics of their students. Community leaders both Negro and white, freely expressed their viewpoints on college programs and purposes. Figures from the New York State Department of Labor's projected manpower needs were also taken into account. Integration of response to the survey show the preferential ranking of the programs. The results are summarized. Details of the survey, the questionnaires, and miscellaneous comments are appended. (HH)

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE  
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PRELIMINARY INVESTIGATION  
for the  
URBAN CAMPUS  
of  
ERIE COMMUNITY COLLEGE

ERIE COUNTY N.Y.

MAP PREPARED BY  
ERIE COUNTY DEPARTMENT OF PLANNING

LEGEND

|             |                     |
|-------------|---------------------|
| Major Road  | Minor Road          |
| Waterway    | Waterway            |
| City        | Village             |
| Hamlet      | Unincorporated Area |
| County Line | State Line          |

1969

ERIE COUNTY TECHNICAL INSTITUTE  
BUFFALO, N.Y.

May, 1969

This project is a collection of the results of a four month survey designed to provide a foundation for the Academic Planning of the Urban Campus of Erie Community College. It was carried out by the Office of Institute Research at the direction of President James E. Shenton.

Knute H. Holmberg  
Director  
Institute Research

UNIVERSITY OF CALIF.  
LOS ANGELES

MAY 27 1969

CLEARINGHOUSE FOR  
JUNIOR COLLEGE  
INFORMATION

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## INTRODUCTION

In early February, 1969 the President of Erie County Technical Institute directed the Office of Institute Research to investigate the needs of the area which was projected to be served by the Urban Campus of the College in the City of Buffalo. The results of this survey were to be used as the foundation for the Academic Planning for the Buffalo Campus. It was decided that the following questions needed to be answered to accomplish the task.

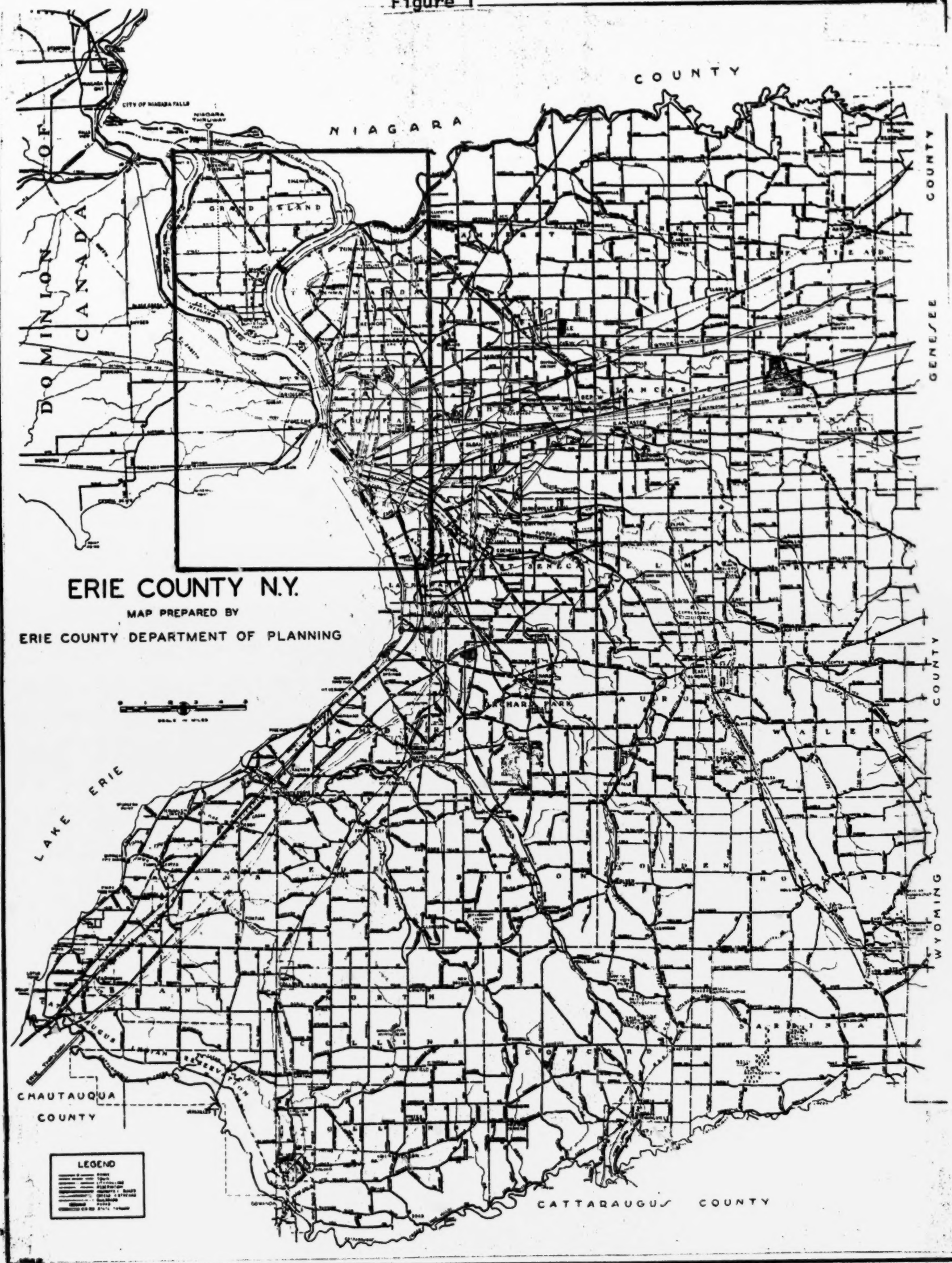
1. How many high school students are interested in attending the Urban Campus?
2. What factors, if any, make the Urban student different from Amherst or Hamburg?
3. What programs should be implemented at the Urban site?
4. How would these overlap and/or interfere with those at our present campus and other local colleges?
5. What programs do the students want?
6. What programs do the Community leaders feel are desirable?
7. What will be the breakdown of Vocational, Technical, Liberal Arts?

To obtain the answers to these questions, the following method was chosen.

1. Review current literature pertinent to the study.
2. To obtain viewpoints of educators, businessmen, community leaders, and students through interviews, questionnaires, and group discussion.

It is not the purpose of this study to achieve the actual academic plan for the Urban site, but only to provide information upon which sound decisions may be made to provide the best collection of offerings for the area. It was assumed that the student body would come primarily from the area outlined in Figure 1. The basis for this assumption was

Figure 1



Projected area to be served by the Urban Campus.

that other areas of the County would be served by the campuses located in Amherst and Southtowns. The Urban Campus would be accessible by public transportation from all areas within its projected sphere of influence within a reasonable period of time. The area served encompasses approximately 120 square miles and includes a population of 750,000 plus. Twenty acres of land have been purchased by the County of Erie adjacent to the LaSalle Park on the Waterfront. In addition, the City of Buffalo has agreed to give the County twenty acres of the Park for College purposes. This does not mean that the College is totally committed to this particular site, but for the sake of a geographic base from which to work, it was assumed that the College would locate there.

The purpose of a Community College is defined clearly by a policy statement of the New York State Board of Regents.

- I. Comprehensive Community Colleges should be recognized and supported as the basic institutional approach to providing a broader public educational opportunity above the high school level in New York State.
- II. These institutions should be open to all high school graduates or persons with equivalent educational background, operated at low cost to the students and located within reasonable daily commuting distances of the students place of residence.
- III. The comprehensive Community College should be expected to perform the following specific educational functions.
  - A. General Education . . . . .
  - B. College or University Transfer Educations . . .
  - C. Occupational or Terminal Education . . . . .
  - D. Adult or Continuing Education . . . . .
  - E. Guidance and Counseling . . . . .

With the above as a goal to be achieved, the survey was carried out with these in mind.

## BUSINESS AND INDUSTRY

From the membership roster of the Buffalo Chamber of Commerce a sample of 122 firms was selected. These ranged from small to giant corporations, steel to insurance, trucking to banking, covering almost all types of businesses where a student might find employment. A questionnaire (pg. 6 ) was sent to each and a total of 84 responded. The following is a breakdown of the responses from the Personnel Managers in order of preference.

### OCCUPATIONAL

#### Business Administration

|                |    |
|----------------|----|
| Accounting     | 63 |
| General        | 51 |
| Marketing      | 30 |
| Transportation | 24 |
| Retailing      | 21 |

#### Secretarial

|             |    |
|-------------|----|
| Executive   | 46 |
| Industrial  | 43 |
| Engineering | 22 |
| Medical     | 14 |
| Legal       | 13 |

|              |    |
|--------------|----|
| Teaching Aid | 11 |
|--------------|----|

|                 |    |
|-----------------|----|
| Data Processing | 45 |
|-----------------|----|

Others included Rate Clerks for Motor Transportation, Technical Estimators, Production Technologist, and Food Service Managers, Instrumentation Technician.

#### Health Related

|                                 |    |
|---------------------------------|----|
| Nursing                         | 36 |
| Dietary Technicians             | 14 |
| Inhalation Therapy Technologist | 8  |
| Environmental Technologist      | 8  |

### TRANSFER

|                     |    |
|---------------------|----|
| Math and Science    | 26 |
| Engineering Science | 22 |
| Humanities          | 14 |

### VOCATIONAL

|                                                                                                                                                                                         |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Food Preparation                                                                                                                                                                        | 39 |
| Welding                                                                                                                                                                                 | 33 |
| Machine Trades                                                                                                                                                                          | 33 |
| Keypunch Operator                                                                                                                                                                       | 30 |
| Electrical Wiring                                                                                                                                                                       | 30 |
| Drafting                                                                                                                                                                                | 29 |
| Business Machine Operator                                                                                                                                                               | 25 |
| Heating and Refrigeration                                                                                                                                                               | 21 |
| Auto Mechanics                                                                                                                                                                          | 20 |
| Plumbing                                                                                                                                                                                | 19 |
| Auto Repair                                                                                                                                                                             | 16 |
| Carpentry                                                                                                                                                                               | 16 |
| Practical Nurse                                                                                                                                                                         | 14 |
| Auto Body Repair                                                                                                                                                                        | 14 |
| TV Repair                                                                                                                                                                               | 13 |
| Appliance Repair                                                                                                                                                                        | 10 |
| Nurses Aid                                                                                                                                                                              | 10 |
| Commercial Art                                                                                                                                                                          | 6  |
| Others included Truck Trailer Repair Mechanics,<br>Photographer, Tool and Die Making, Aircraft<br>Mechanics, Printer, Graphic Communicator, Indus-<br>trial, Quality Control/Assurance. |    |

In an interesting letter from the Hooker Chemical Corporation's main office, the Manager of Manpower, Planning, and Employment, indicated a "real need" in the Western New York area for an Industrial Chemical Program concerned with process development, semi-commercial development, and other engineering assistant type positions requiring a knowledge of chemical processing equipment and hardware. This response was considered as such an integral part of the survey that it is included in the appendix.

Since it was impossible to obtain any accurate estimate of the total employment capabilities of these corporations taking part in the survey, no attempt will be made to estimate the actual employee need within the various categories. The multipliers which would be used to obtain good estimates of the number of positions to be filled would range from 20 to 50 depending on the particular type of education involved.

There seems to be a great need for the selected training areas in the survey, and others included by the respondents, in local industry. Through careful selection, duplicating programs in existence at other campuses if necessary, we should have no trouble placing graduates of the Urban Campus.

**ERIE COUNTY TECHNICAL INSTITUTE**  
**MAIN STREET AND YOUNGS ROAD (AMHERST)      BUFFALO, NEW YORK 14221**  
**634-0800**

February 7, 1969

TO SELECTED GROUP  
WNY BUSINESS FIRMS

Dear Sir:

As you are probably aware, Erie County Technical Institute is planning a multi-campus operation. Tentatively they will be located in Amherst, Hamburg-Orchard Park (Southtowns), and Buffalo (Lakeside). The Amherst campus is completing its expansion, and the Academic Planning for the Southtowns site is in its final stage. We now turn our attention to the necessary pre-planning for the Lakeside site.

It is necessary that we obtain opinions and thoughts about the types of programs which would best fit the needs of the local student and their future employers. To this end I am requesting your cooperation by completing the enclosed form.

Your firm was selected as part of a sample of various industries in Western New York to which this questionnaire is being sent.

Thank you for your cooperation.

Sincerely,

Knute H. Holmberg Supervisor Institute Research

KHH:kw enc:2

## ERIE COUNTY TECHNICAL INSTITUTE

### Lakeside Campus

The Lakeside Campus of Erie County Technical Institute will be a comprehensive Community College. By this we mean that the programs will include Occupational (Technical), Transfer (Liberal Arts), Vocational, Remedial, and Continuing Education. Efforts will be made to avoid unnecessary duplication of programs in existence at other campuses.

Based on your experience would you select, from the list below, those programs for which there is, and will be, a continuing need.

#### A. Occupational (AAS Degree)

##### 1. Business Administration

- ☐ General
- ☐ Marketing
- ☐ Retailing
- ☐ Transportation
- ☐ Accounting

##### 2. Secretarial

- ☐ Industrial
- ☐ Medical
- ☐ Executive
- ☐ Engineering
- ☐ Legal

##### 3. ☐ Teaching Aid

##### 4. ☐ Data Processing

##### 5. Others Not Listed Above

##### 6. Health Related

- ☐ Nursing
- ☐ Dietary Technician
- ☐ Environmental Technologist
- ☐ Inhalation Therapy Technologist

Others Not Listed Above

B. Transfer (AA or AS)

\_\_\_\_\_ Humanities  
\_\_\_\_\_ Math and Science  
\_\_\_\_\_ Engineering Science

c. Vocational (less than two years duration)

\_\_\_\_\_ Welding  
\_\_\_\_\_ Plumbing  
\_\_\_\_\_ Heating and Refrigeration  
\_\_\_\_\_ Machine Trades  
\_\_\_\_\_ Carpentry  
\_\_\_\_\_ Electrical Wiring  
\_\_\_\_\_ TV Repair (Electronic)  
\_\_\_\_\_ Business Machines Operator  
\_\_\_\_\_ Key Punch Operator  
\_\_\_\_\_ Drafting  
\_\_\_\_\_ Auto Mechanics  
\_\_\_\_\_ Auto Repair  
\_\_\_\_\_ Practical Nurse  
\_\_\_\_\_ Appliance Repair  
\_\_\_\_\_ Nurses Aide  
\_\_\_\_\_ Auto Body Repair  
\_\_\_\_\_ Commercial Art  
\_\_\_\_\_ Food Preparation

\_\_\_\_\_ Others Not Listed Above

## HIGH SCHOOLS

All of the high schools in the area designated in Figure 1 were asked to respond to a questionnaire concerning the Urban Campus (pg. 13). Of 41 schools solicited, a total of 27 responded. This seems to be a discouraging rate for educators (66%) as compared to the Industrial response rate of 69%. It is hoped as the investigation continues that the missing schools will participate in the development of the Urban Campus.

The following are the results of the high school survey compiled in order of preference as indicated by the respondents.

### OCCUPATIONAL

#### Business Administration

|                |    |
|----------------|----|
| General        | 21 |
| Accounting     | 18 |
| Retailing      | 14 |
| Transportation | 11 |
| Marketing      | 9  |

#### Secretarial

|             |    |
|-------------|----|
| Medical     | 18 |
| Executive   | 16 |
| Legal       | 15 |
| Industrial  | 11 |
| Engineering | 5  |

|              |    |
|--------------|----|
| Teaching Aid | 16 |
|--------------|----|

|                 |    |
|-----------------|----|
| Data Processing | 23 |
|-----------------|----|

Others listed included Court Stenographer, Art, Visual Aids, Social Worker Aide, Dental Secretary.

#### Health Related

|                                                                                          |    |
|------------------------------------------------------------------------------------------|----|
| Nursing                                                                                  | 22 |
| Dietary Technician                                                                       | 16 |
| Environmental Technologist                                                               | 8  |
| Inhalation Therapy Technologist                                                          | 8  |
| Others included Physical Therapist, Automation Technologist, and Occupational Therapist. |    |

### TRANSFER

|                     |    |
|---------------------|----|
| Humanities          | 19 |
| Math and Science    | 17 |
| Engineering Science | 11 |

#### VOCATIONAL

|                            |    |
|----------------------------|----|
| Practical Nurse            | 16 |
| Commercial Art             | 15 |
| Auto Mechanics             | 14 |
| Business Machines Operator | 13 |
| Keypunch Operator          | 11 |
| TV Repair                  | 11 |
| Drafting                   | 11 |
| Nurses Aide                | 10 |
| Food Preparation           | 10 |
| Heating and Refrigeration  | 9  |
| Carpentry                  | 9  |
| Auto Repair                | 8  |
| Electrical Wiring          | 8  |
| Machine Trades             | 9  |
| Auto Body Repair           | 8  |
| Plumbing                   | 8  |
| Welding                    | 6  |

In response to the question " . . .could you describe the type of student we might expect at the Urban Campus, and how he would differ, if at all, from the student at our Amherst Campus", the following were noted:

1. Average in ability, but below average in high school achievement.
2. Can't see any difference. Geographic location does not necessarily determine students. It's more the curricula, I feel
3. In my estimation, we have many colleges that require high scholastic standings. Therefore, if it would be possible that the average student be accepted it would give the average student a chance to go to college and extend their education.
4. Depending on courses available, the weak academic student that is interested in a terminal skill program. Also the academic student that cannot meet the requirements at Buffalo State Teachers College and the University of Buffalo.
5. The crush of competition in Erie County will force many formerly eligible, four-year college potential students to compete for spaces in the two-year colleges. I sincerely believe that unless a sufficient number of student places are provided, the competition will force out the average student.

6. Why should he differ? I would expect the same type of student except that more often the first question students ask is "will I be able to transfer to a four-year school if I am successful?" There might then be more Liberal Arts, more business students, etc.
7. You would perhaps entice pupils from a higher socio-economic level at Amherst Campus. The academic standards, especially in verbal skills, should be somewhat less at the Urban Campus.
8. Probably he would be economically poorer, less skilled manually, and probably a little below average intellectually. However, most of them would be about the same as those on the Amherst Campus.
9. You would possibly have more students from the core area.
10. From a private school, such as ours, the student at the Urban Campus would not differ from the student at the Amherst Campus.
11. He may not be a graduate with the usual college preparatory courses--more likely a general diploma.
12. From Amherst, the student probably would transfer for his bachelors degree. Possibly, if he were from La Salle, two years may be terminal and very sufficient for his needs.
13. Probably a student who had difficulty in high school but wishes an experience with post high school courses.
14. Same.
15. Why that different?

The general consensus of high school administrators is that the student will be of a lower socio-economic background and high school achievement. There seems to be an undercurrent of a necessity for remedial work or a lowering of standards, but conversely several of the respondents indicated no difference from our present student at the Amherst Campus. When asked "What type of programs do you feel the students in the Urban Campus area desire?", the respondents answered:

1. A variety of programs from the academic to the terminal vocational.
2. All of the above are good and will meet student needs. However, the size and scope of the proposed school will determine whether it should be one taking care of the overflow or fewer new and lesser known programs (which might be more beneficial to student and community) should be incorporated.
3. There seems to be a pressing need in all the areas indicated. Our particular students are having great difficulty in gaining admission to the four-year schools or if they are fortunate enough to be accepted, are financially unable to attend.
4. Aviation connected courses.
5. Varied programs.
6. Many of our girls are interested in serving others so programs such as Practical Nursing, Child Care, in addition to the Business courses, would attract them.
7. No knowledge.

**ERIE COUNTY TECHNICAL INSTITUTE**  
**MAIN STREET AND YOUNGS ROAD (AMHERST)      BUFFALO, NEW YORK 14221**  
**634-0800**

February 7, 1969

TO SELECTED GROUP  
WESTERN NEW YORK HIGH SCHOOLS

Dear Colleague:

You are probably aware that Erie County Technical Institute is planning a multi-campus operation. Tentatively these campuses will be in Amherst (existing), Hamburg (Southtowns), and Buffalo (Lakeside).

In planning for this tremendous expansion it is important that we glean information from all possible sources. There are many questions to be answered before decisions regarding program offerings can be made. Some of these are: what type of student can we expect; what programs do students, educators, and community leaders desire; how will some programs interfere or correlate with those offered at colleges in the area; and many others.

To this end I am requesting your aid in the planning of the Lakeside site (LaSalle Park).

Would you be kind enough to complete the enclosed form and return it in the envelope provided.

Sincerely,

Knute H. Holmberg Supervisor Institute Research

KHH:kw enc:2

ERIE COUNTY TECHNICAL INSTITUTE

Lakeside Campus

The Lakeside Campus of Erie County Technical Institute will be a comprehensive Community College. By this we mean that its programs will include Occupational (Technical), Transfer (Liberal Arts), Vocational, Remedial, and Continuing Education. Efforts will be made to avoid unnecessary duplication of programs in existence at other campuses.

- I. Based on your experience would you select, from the list below, those programs for which there is, and will be, a continuing need.

A. Occupational (AAS Degree)

1. Business Administration

- ☐ General
- ☐ Marketing
- ☐ Retailing
- ☐ Transportation
- ☐ Accounting

2. Secretarial

- ☐ Industrial
- ☐ Medical
- ☐ Executive
- ☐ Engineering
- ☐ Legal

3. ☐ Teaching Aid

4. ☐ Data Processing

5. Others Not Listed Above

6. Health Related

- ☐ Nursing
- ☐ Dietary Technician
- ☐ Environmental Technologist
- ☐ Inhalation Therapy Technologist

Others Not Listed Above

B. Transfer (AA or AS)

\_\_\_\_\_ Humanities  
\_\_\_\_\_ Math and Science  
\_\_\_\_\_ Engineering Science

C. Vocational (less than two years duration)

|                                  |                        |
|----------------------------------|------------------------|
| _____ Welding                    | _____ Drafting         |
| _____ Plumbing                   | _____ Auto Mechanics   |
| _____ Heating and Refrigeration  | _____ Auto Repair      |
| _____ Machine Trades             | _____ Practical Nurse  |
| _____ Carpentry                  | _____ Appliance Repair |
| _____ Electrical Wiring          | _____ Nurses Aide      |
| _____ TV Repair (Electronic)     | _____ Auto Body Repair |
| _____ Business Machines Operator | _____ Commercial Art   |
| _____ Key punch Operator         | _____ Food Preparation |

Others Not Listed Above

II. Being as concise as possible, could you describe the type of student we might expect at the Lakeside Campus, and how he would differ, if at all, from the student at our Amherst Campus.

III. What type of program(s) do you feel the students in the Lakeside Area desire?

## PERTINENT DATA

The Office of Planning in Higher Education published the following projections for enrollment in New York State by 1980. The full-time enrollment in programs leading to the Associate Degree will be 171,800 as compared to the present 72,400. On the basis of some rather valid assumptions the college-going rate of New York high school graduates will increase from a current figure of 55% to 80%.

In the 1968 New York State Department of Labor's "Manpower Directions" the following was noted for the Buffalo Area.

### OCCUPATION DISTRIBUTION OF JOBS ESTIMATED 1960 AND 1965 AND PROJECTED 1970 AND 1975 BUFFALO AREA (in thousands)

| OCCUPATION                                                     | 1960 | 1965 | 1970 | 1975 |
|----------------------------------------------------------------|------|------|------|------|
| Technical workers and specialists<br>(exc. medical and dental) | 11.3 | 12.9 | 15.4 | 17.8 |
| °Draftsmen                                                     | 2.0  | 2.2  | 2.6  | 2.9  |
| °Electro and mechanical engineering<br>technicians             | 3.1  | 3.5  | 4.1  | 5.0  |
| °Civil engineering and construction<br>technicians             | 1.4  | 1.9  | 2.5  | 3.0  |
| °Technical writing and illustration<br>technicians             | 0.2  | 0.2  | 0.3  | 0.3  |
| °Data Processing, systems analysis,<br>and Program specialists | 0.3  | 0.4  | 0.5  | 0.6  |
| Medical and other health workers                               | 12.3 | 14.0 | 18.1 | 21.5 |
| °Nurses, Professional and student                              | 5.8  | 6.4  | 8.1  | 9.5  |
| °Technicians, medical and dental                               | 1.8  | 2.4  | 3.7  | 4.9  |
| °Chiropractors and therapists                                  | 0.4  | 0.5  | 0.6  | 0.8  |
| Other professional, technical, and<br>kindred workers          | 14.5 | 15.6 | 18.5 | 20.8 |
| °Accountants                                                   | 3.1  | 3.1  | 3.3  | 3.4  |
| °Designers, except design draftsmen                            | 0.1  | 0.1  | 0.1  | 0.2  |
| °Personnel and labor relations<br>workers                      | 0.8  | 0.9  | 1.1  | 1.1  |
| °Social Welfare and recreation<br>workers                      | 1.2  | 1.3  | 1.6  | 1.8  |
| °Professional and technical<br>workers, n. e. c.               | 3.2  | 3.9  | 5.2  | 6.6  |

OCCUPATION DISTRIBUTION OF JOBS . . . . continued  
New York State Department of Labor's "Manpower Directions"

| OCCUPATION                                   | 1960 | 1965 | 1970 | 1975  |
|----------------------------------------------|------|------|------|-------|
| Managers, officials, and Proprietors         | 38.5 | 36.5 | 38.3 | 39.9  |
| Clerical and kindred workers                 | 79.5 | 84.7 | 92.6 | 102.4 |
| °Stenos, typists, and secretaries            | 17.9 | 19.6 | 22.1 | 24.7  |
| °Office machines operators                   | 2.8  | 3.8  | 4.6  | 5.8   |
| Other clerical and kindred workers           | 58.8 | 61.3 | 65.9 | 71.9  |
| °Accounting Clerks                           | 3.1  | 3.2  | 3.3  | 3.3   |
| °Bank Tellers                                | 1.2  | 1.5  | 1.7  | 2.0   |
| °Cashiers                                    | 5.2  | 5.7  | 7.1  | 8.4   |
| °Clerical and kindred workers,n.e.c.         | 36.3 | 37.5 | 40.1 | 44.3  |
| Construction craftsmen                       | 19.5 | 16.8 | 16.8 | 17.7  |
| °Carpenters                                  | 5.5  | 4.0  | 3.8  | 3.9   |
| °Electricians                                | 3.8  | 3.7  | 3.9  | 4.2   |
| Mechanics and repairmen                      | 17.8 | 19.6 | 22.5 | 25.7  |
| °Motor vehicle mechanics                     | 4.9  | 5.4  | 5.8  | 6.4   |
| °Office machines mechanics                   | 0.2  | 0.3  | 0.4  | 0.4   |
| °Radio and TV mechanics                      | 0.6  | 0.7  | 0.8  | 0.8   |
| °Other mechanics and repairmen               | 11.0 | 12.2 | 14.5 | 17.0  |
| Semiskilled metalworking occupations         | 18.1 | 18.2 | 18.3 | 18.8  |
| °Welders and flame cutters                   | 3.9  | 4.1  | 4.3  | 4.7   |
| Service workers                              | 57.2 | 60.9 | 71.9 | 80.7  |
| °Policemen, marshalls, sheriffs              | 2.7  | 2.8  | 3.0  | 3.2   |
| °Cooks, except private household             | 4.0  | 4.4  | 5.1  | 5.7   |
| Other service workers                        | 28.2 | 31.2 | 39.1 | 45.2  |
| °Attendants, hospital and other institutions | 4.4  | 5.4  | 7.9  | 10.6  |
| °Nurses, practical                           | 1.0  | 1.2  | 1.7  | 2.3   |
| °other service workers n. e. c.              | 14.0 | 15.5 | 19.4 | 21.7  |

Unfortunately, the State Labor Department statistics do not list all of the Technical Occupations separately, therefore, we cannot foretell an exact need for these from the data they issued.

In a survey of high schools in Erie County to determine interest in attending a local community college which was directed by E. R. Billings, Academic Dean, the following results are pertinent to this study. When asked to estimate the annual number of students the guidance counselors felt would be interested in attending a local community college they gave the following response.

reprint

# COMPOSITE OF RETURNS

## I. University Transfer Programs (2 year Associate Degree)

|                                        |             |
|----------------------------------------|-------------|
| A. Liberal Arts                        |             |
| 1. Humanities and Social Science       | <u>851</u>  |
| 2. Mathematics and Science             | <u>493</u>  |
| B. Engineering Science                 | <u>316</u>  |
| TOTAL for University Transfer Programs | <u>1660</u> |

## II. Occupational or Career Programs (2 year Associate Degree)

|                                                              |    |             |
|--------------------------------------------------------------|----|-------------|
| 1. X-ray Technology                                          |    | <u>190</u>  |
| 2. Instrumentation Technology                                |    | <u>129</u>  |
| 3. Inhalation Therapy                                        |    | <u>52</u>   |
| 4. Business Administration                                   |    |             |
| A. Accounting                                                |    | <u>286</u>  |
| B. Marketing                                                 |    | <u>129</u>  |
| C. Secretarial Science                                       |    | <u>418</u>  |
| 5. Audio-Visual Technology                                   |    | <u>88</u>   |
| 6. Ornamental Horticulture<br>(Landscape-Nursery Management) |    | <u>92</u>   |
| 7. Other                                                     |    |             |
| Teacher Aide                                                 | 3  |             |
| Nursing                                                      | 26 |             |
| Educational Secretary                                        | 4  |             |
| Art                                                          | 6  |             |
| Mortician                                                    | 1  |             |
| Dental                                                       | 3  |             |
| Fashion Design                                               | 2  | <u>45</u>   |
| TOTAL for Occupational or Career Programs                    |    | <u>1058</u> |

In reviewing other documents there seems to be no doubt as to the tremendous increase in enrollment for all types of programs at the community college level and a need for trained personnel especially in the para-medical field.

Mr. Donald Jones, Director of SUNY Alfred Vocational School at Wellsville indicated his program has had an excessive number of applications, especially from the Buffalo area. He has also achieved a remarkable degree of success with his various programs, the attrition rate being less than 6%.

## COMMUNITY LEADERS

In an effort to obtain the feeling of the Community Leaders, it was decided that unstructured meetings would be held with various groups to discuss the needs of the community and their viewpoint as to the problems which might be encountered. Unfortunately, Erie County Technical Institute gained the reputation of a "white middle class school" with the black community. This was due in part to the geographical location of the Institute in an affluent white suburb of the city. Transportation for the black student was available from the core of inner-city area but was nevertheless unhandy, time-consuming, and often erratic.

It is to be expected that the Urban Campus will have a large negro enrollment due to its location. It will be within short commuting distance from the inner city and easily available by public transportation. Buffalo has been fortunate to have escaped the brunt of the riots and civic disorders which have plagued many other major cities in the country. One might attribute this to a more level-headed approach on the part of both black and white in trying to avoid the destruction of life and property. The white student will probably come from the immediate area adjacent to the college and should have close ethnic and socio-economic characteristics.

The following plan was implemented to achieve the purpose of involving both black and white leaders in the planning of the Urban Campus. First, a meeting was to be held with the leaders of the black community at the Urban Center in downtown Buffalo. Mr. B. Paul Hodan was asked to attend so as to provide a sharing of the experience of the investigation so as to provide for any emergency, thereby insuring a continuation of effort. Second, a meeting was to be held with the leaders of the white community at the Urban Center to gain an insight into their feelings as to the needs of the city insofar as programs at the Urban Campus were concerned. They also would be able to tell us what type of student to expect and what that student needed in the

form of post-high school education. Third, a joint meeting of the selected number of both groups was planned at the Amherst Campus so as to establish a rapport between the two groups and to avoid the possibility of any misunderstanding as to the role and function of the college at the Urban site. A copy of the letter sent to each individual is contained on page 39.

### THE BLACK VIEWPOINT

On March 20, 1969 a meeting of leaders in the Black Community was held at the Urban Center, which is sponsored by Erie County Technical Institute, in downtown Buffalo. Those present included:

President James E. Shenton, ECTI  
Mr. Knute H. Holmberg, Supervisor Institute Research, ECTI  
Mr. B. Paul Hodan, Asst. to the President, ECTI  
Mr. Armand Altmann, Acting Director of the Urban Center  
Mrs. Jean Herndon, Urban Center  
Mr. Gene Thomas, Urban Center  
Mrs. Ethel Wilder, JFK Recreation Center  
Mr. John Wiley, Director of Masten Office CAO  
Mrs. Florence Baugh, Director of Ellicott Office CAO  
Mr. Curtis Stubbs, Opportunity Development Corp.  
Mr. David Collins, Justice Program

Personal interviews the following week were arranged with Mr. Al Smith, JFK Center and Mr. David Snipe of the Urban League who were unable to attend the meeting at the Urban Center.

After explaining the purpose of the meeting and the tentative projections of the Urban Campus insofar as location, size, purpose, and the philosophy of ECTI, the meeting began. Dialogue was slow to develop but all concerned quickly warmed to the situation.

There was recognized a need for any and all types of programs leading to gainful employment. These needs were primarily centered in the occupational (AAS Degree) and vocational programs. Liberal Arts seemed to be a low priority item but would definitely have to be included. Many students coming from the Black Community may not necessarily have

the pre-requisite skills, such as Math and English, to meet the entrance requirements. It was pointed out that the reading ability of the ghetto student is exceedingly poor even though he was graduated from high school. This implies a necessity for a comprehensive pre-college or preparatory program so as to lift the black student to the educational level necessary to handle associate degree programs. There was a need voiced for students trained in the health and social professions as well as business. The courses offered to the student from the core area must have relevance to him. White middle class values and interpretation of the meaning of course material are meaningless to the negro student. This relevance would include a legitimate and honest presentation of the contributions, discoveries, and achievements made by blacks as well as whites in the field which the student is pursuing. The youngster attending the Waterfront Campus must identify with it if he is going to achieve. The suggestion was made that Afro-American architecture be employed to some degree. This need not be an overt break with contemporary design, but possibly a subtle influence by use of arts or architectural character.

There was no demand of any type made by the group. Those present did not desire a "Black College" but only a campus offering the same opportunity given at Amherst and Southtowns. They hoped that "good" faculty would not be shifted to other campuses and the faculty would have a "legitimate" number of blacks whose influence would create a climate more conducive to understanding the academic and social problems of the ghetto student. The waterfront site was considered close enough so as not to create a hardship in transportation for those attending.

The group expressed a doubt that the College was sincere in its purpose and that the meeting was just another placation to assuage its conscience. They were assured that it was not just more lip service but an effort to involve grass-roots feeling in the planning of the College so that it would best accomplish its purpose. The need for an advisory board including blacks was expressed and the college recognized this. The Black Community is tired of being told what is good for them by whites who have no understanding of their problems.

The meeting lasted almost three hours and there seemed to be a mutual feeling of hope and cooperation. Those present were informed that in about two months there would be a joint meeting of the black and white groups to provide for an interchange of ideas. The general consensus was that the first meeting had accomplished its purpose-- that of providing a base of understanding upon which later decisions could be made.

In a discussion with Mr. Alan Smith, Coordinator at the JFK Recreation Center and formerly of the Buffalo Bills, the following was observed. He saw a need to make the black student feel like he is a person, an individual with his own unique character, and not a number on an IBM card. He felt that the faculty must be sensitive to each and every student (as is the case at the Amherst Campus [writer's note]) and his problems. Mr. Smith foresaw the necessity for an intensive Student Personnel program with a strong emphasis on activities so as to breach the barrier between white, black, Puerto Rican, and other ethnic groups. The pre-college program was seen as a basic part of the college as well as sufficient work-study opportunities.

Mr. David Snipe of the Buffalo Urban League was in concurrence with those contacted previously in the study. He saw a need for a strong Business Administration program with possible tracks leading to various service areas, such as building management. He expressed a hope that racial problems, from both sides, could be avoided in the development of the campus. Also a need for intensive public relations and publicity to promote the College, which is relatively unknown to the inner-city.

## THE WHITE VIEWPOINT

On April 15, 1969 a meeting was held at the Urban Center to obtain the viewpoint of leaders in the White Community. Those invited are listed below, those present are marked by an asterisk. It was felt that this group had their fingers on the pulse of the Community and their aid would prove invaluable.

- \*President James E. Shenton, ECTI
- \*Mr. Knute H. Holmberg, Supervisor Institute Research, ECTI
- \*Mr. D. Paul Hodan, Asst. to the President, ECTI
- \*Mr. Armand Altmann, Acting Director of the Urban Center
- \*Hon. Raymond Neimer, Family Court Judge
- \*Rev. Hugh Carmichael, Canon, St. Thomas Church
- Rev. Michael Genante, OMI, Pastor, Holy Angels Church
- Mr. Douglas Winoker, N.Y.S. Labor Dept. (sent Alternate)
- Dr. Joseph Manch, Supt. Schools, City of Buffalo

After introducing the problem, giving background of the college, and a vague perspective of the college's plans for the Waterfront campus, the meeting began.

The students we might expect from the white community, which has strong ethnic ties (Polish, Italian, and Irish) are interested in obtaining a job. They are not "making it" in the classroom and need training to make them employable. They will come generally from working class parents, whose attitude towards education is somewhat anathetic. The students will have had a history of initiative being stifled by their environment. Most will have experienced failure before and have a need to be successful. The members of the group present felt that the white youth would concentrate their efforts in the vocational-technical field rather than Liberal Arts.

The representative from the Labor Department saw no end in sight for secretarial needs and those of the Machine Trades. The needs of the white youth are different than the black. White youths do not desire to be in a position of responsibility and actually want someone else to make the decisions, whereas the black youth would work for less money if it meant he would be his own boss.

As with the leaders of the Black community, this group saw a great need for the Waterfront student to identify with his surroundings. They gave no suggestion on how this was to be achieved, but indicated that the students themselves should be able to provide that information. They

felt that an intensive personal contact program with the youth might give some answers.

They also saw a tremendous need for the pre-college program. Obviously the inner-city (white and black) youth are not prepared when they leave high school. The guidance and counseling services will have to be strong and intelligently carried out.

When queried as to the availability of the prospective location in the LaSalle Park area, everyone felt it was easily accessible and had no objection that the campus be located there.

A few members saw a chance of ethnic division at the college. The black youth would be interested in Liberal Arts and Business while the white would move into Vocational-Technical. The academic structure combined with the needs of the students form a natural, unwanted division of the groups. Efforts will obviously have to be made to avoid this division and to achieve harmony on the campus.

Mrs. Elizabeth Clark attended the meeting as a representative for Mr. Douglas Winoker and Miss E. Marie Davis from the Community Welfare Council, the only Negro at the meeting, was also in attendance.

## SUMMARY

The overall results of the survey conducted by mail are as follows, listed in order of "need-preference".

### Business Administration

|                  |    |
|------------------|----|
| * Accounting     | 81 |
| * General        | 72 |
| * Marketing      | 39 |
| * Transportation | 35 |
| * Retailing      | 35 |

### Secretarial

|               |    |
|---------------|----|
| x Executive   | 62 |
| x Industrial  | 43 |
| x Engineering | 27 |
| x Medical     | 32 |
| x Legal       | 28 |

|                   |    |
|-------------------|----|
| * Teaching Aide   | 27 |
| * Data Processing | 68 |

### Health Related

|                                 |    |
|---------------------------------|----|
| + * Nursing                     | 58 |
| + Dietary Technician            | 30 |
| + Inhalation Therapy Technology | 16 |
| + Environmental Technology      | 16 |

### Transfer

|                     |    |
|---------------------|----|
| Math and Science    | 43 |
| Engineering Science | 33 |
| Humanities          | 31 |

### Vocational

|                              |    |
|------------------------------|----|
| * Food Preparation           | 49 |
| * Machine Trades             | 42 |
| * Key punch Operator         | 41 |
| * Drafting                   | 40 |
| * Welding                    | 39 |
| * Electrical Wiring          | 38 |
| * Business Machines Operator | 38 |
| * Auto Mechanic              | 34 |
| + * Practical Nurse          | 30 |
| * Heating and Refrigeration  | 30 |
| * Plumbing                   | 27 |
| Carpentry                    | 25 |
| * Auto Repair                | 24 |
| * TV Repair                  | 24 |
| * Auto Body Repair           | 22 |
| * Commercial Art             | 21 |
| + * Nurses Aide              | 20 |
| * Appliance Repair           | 10 |

The plans for the Southtowns Campus would eliminate Auto Mechanics and Appliance Repair for consideration at the Waterfront site due to expensive duplication of space and equipment. All others on the previous list should be considered as possible programs for the Waterfront Campus.

As evidenced by personal contact with community leaders, high school personnel, and students, there will have to be an intensive pre-college program. This is necessitated by the educational ability of the students which this report assumes will attend the College.

Both the New York State Labor Department and the Department of Health, Education, and Welfare indicate a need in the future for almost all occupations indicated in the listing. Therefore, we may assume that graduates will be employable when they leave the College. Community leaders see a need for the inner-city youth to receive a business education if the various ethnic groups are to achieve an economic breakthrough.

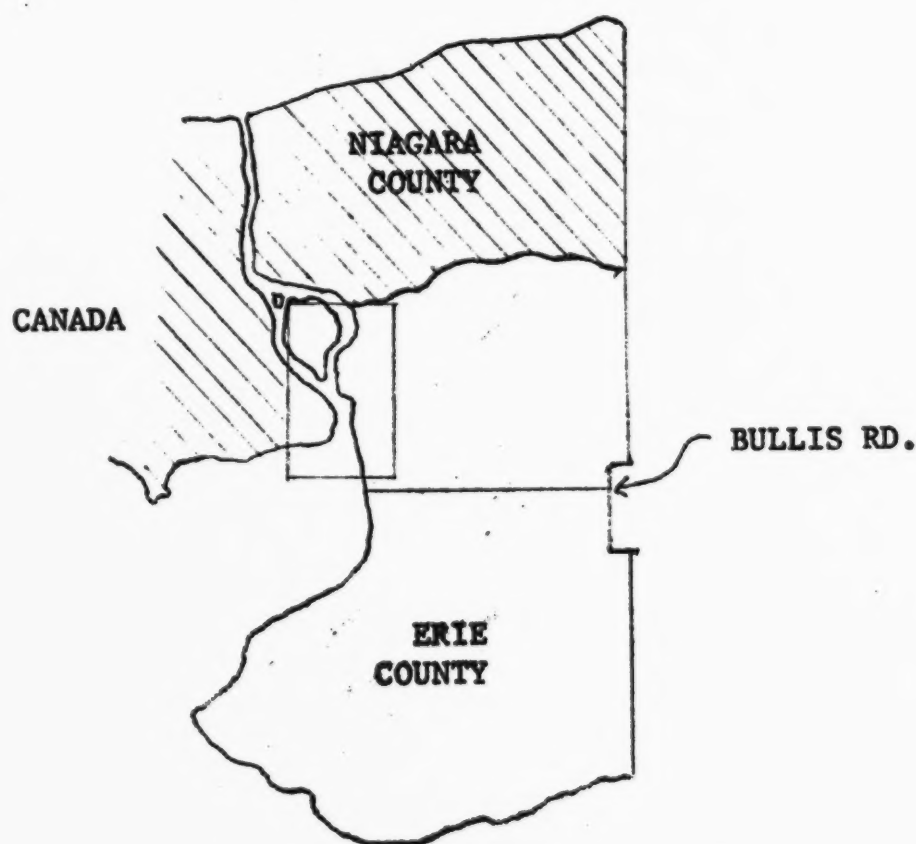


Figure 2

Present plans call for a student body of 1500 on a high-rise campus. This type of architecture is necessitated by the nature of the area in which it is to be built. The enrollment figure does not seem to be realistic when one examines the population density of the projected area

from which the Waterfront Campus will draw its students. If one were to project the same area for the Amherst Campus, it would encompass only 1/3 of the Urban site's population. Even if the shaded area of the County (Figure 2) were divided on a line through Bullis Road, the population north of that line would still be but 1/3 of the Urban Campus' area of influence(light area). The remainder of the County south of that line would include 110,000 persons. Assuming that this latter area is to be served by the Southtowns site, its population density would be only 1/7 of the Urban Campus.

It would be in error to assume that these areas are in any way restrictive as to the campus which students will attend. It would also be in error to assume the college-going percentages of each area is the same. But based on legitimate assumptions and census figures, one must conclude that the projected enrollment figure of 1500 is entirely inadequate for the Urban Campus and the 2000 figure for Southtowns seems to be wishful thinking at most. The Urban Campus should be planned for an enrollment of at least 3500 to 4000. During the first few years there may be unused space, but it will not be long after it opens that its rooms will be full.

## RECOMMENDATIONS

1. The Urban Campus be built on the Waterfront site (pending engineering studies).
2. The Urban Campus be planned initially for 4000 full-time students. If this is not possible, the architecture should lend itself to easy expansion.
3. Black faculty and administrators should be sought out and employed in a proper ratio to the student body (60-40).
4. Efforts be continued to establish a means of achieving an environment with which the students may identify. This will be accomplished through personal contact with the students in the near future to further determine needs.
5. A strong guidance and counseling program, sufficiently staffed, should be incorporated at the Urban Campus.
6. Reading and remedial mathematics specialists should be found and hired in addition to the regular staff.
7. The Business Administration offerings be common to the first year and allow specialization during the second.
8. Vocational offerings should be patterned after the Wellsville style.
9. The Vice President in charge of the Urban Campus should be designated at least 16 months prior to the opening.

10. The following is a suggested ACADEMIC PLAN.

I. University Parallel Programs (20%)

- A. Liberal Arts (Humanities -- A.A. Degree) 12%
- B. Liberal Arts (Math and Science -- A.S. Degree) 8%

II. Occupational Programs (33%)

- A. Business 10%
  - 1. Accounting
  - 2. General
  - 3. Transportation
- B. Secretarial 8%
  - 1. Executive
  - 2. Industrial
- C. Teaching Aide 5%
- D. Dietary Technician 5%
- E. Environmental Technology 5%

III. Vocational Programs (29%)

- A. Food Preparation
- B. Machine Trades
- C. Welding
- D. Business Machines Operator
- E. Practical Nursing
- F. Heating and Refrigeration
- G. Commercial Art

IV. Pre College (18%)

APPENDIX A  
HIGH SCHOOLS

|                                                                                       |                                                                                      |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Archbishop Carroll High School<br>1409 East Delavan Avenue<br>Buffalo, New York 14215 | Canisius High School<br>1180 Delaware Avenue<br>Buffalo, New York 14209              |
| Bishop Colton High School<br>128 Wilson Street<br>Buffalo, New York 14212             | Convent of the Sacred Heart<br>175 Nottingham Terrace<br>Buffalo, New York 14216     |
| Bishop Fallon High School<br>1238 Main Street<br>Buffalo, New York 14209              | Holy Angels Academy<br>24 Shoshone Drive<br>Buffalo, New York 14214                  |
| Bishop McMahon High School<br>888 Delaware Avenue<br>Buffalo, New York 14209          | Mount Mercy Academy<br>88 Red Jacket Parkway<br>Buffalo, New York 14208              |
| Bishop O'Hern High School<br>1305 Main Street<br>Buffalo, New York 14209              | Mount St. Joseph Academy<br>2054 Main Street<br>Buffalo, New York 14208              |
| Bishop Ryan High School<br>1833 Clinton Street<br>Buffalo, New York 14206             | St. Joseph's Collegiate Institute<br>845 Kenmore Avenue<br>Kenmore, New York 14223   |
| Bishop Timon High School<br>601 McKinley Parkway<br>Buffalo, New York 14220           | St. Mary's Seminary<br>564 Franklin Street<br>Buffalo, New York 14202                |
| Bishop Turner High School<br>185 Lang Avenue<br>Buffalo, New York 14215               | Nardin Academy<br>135 Cleveland Avenue<br>Buffalo, New York 14222                    |
| Cardinal Dougherty High School<br>31 St. Florian Street<br>Buffalo, New York 14207    | Mt. St. Mary Academy<br>3756 Delaware Avenue<br>Kenmore, New York 14217              |
| Notre Dame High School<br>Union Street<br>Batavia, New York 14020                     | Annunciation High School<br>257 Lafayette Avenue<br>Buffalo, New York 14213          |
| Cardinal Mindszenty High School<br>717 Central Avenue<br>Dunkirk, New York 14048      | Grand Island Jr. Sr. High School<br>1101 Ransom Road<br>Grand Island, New York 14072 |
| St. Mary's High School<br>142 Laverack Avenue<br>Lancaster, New York 14086            | Kenmore East Senior High School<br>350 Fries Road<br>Tonawanda, New York 14150       |
| Bishop Gibbons High School<br>1110 Payne Avenue<br>North Tonawanda, New York 14304    | Kenmore West Senior High School<br>33 Highland Rockway<br>Kenmore, New York 14223    |
| Cardinal O'Hara High School<br>39 O'Hara Road<br>Tonawanda, New York 14150            | Bennett High School<br>2885 Main Street<br>Buffalo, New York 14214                   |

Boys Vocational High School  
280 Oak Street  
Buffalo, New York 14203

Burgard Vocational High School  
400 Kensington Street  
Buffalo, New York 14214

East High School  
820 Northampton  
Buffalo, New York 14211

Fosdick Masten Voc. High School  
North and Masten  
Buffalo, New York 14204

Grover Cleveland High School  
110 14th Street  
Buffalo, New York 14213

Emerson Vocational High School  
1405 Sycamore  
Buffalo, New York 14211

Hutchinson Central High School  
256 South Elmwood  
Buffalo, New York 14201

Kensington High School  
319 Suffolk Avenue  
Buffalo, New York 14215

Lafayette High School  
370 Lafayette  
Buffalo, New York 14213

McKinley Vocational High School  
1500 Elmwood Avenue  
Buffalo, New York 14207

Riverside High School  
51 Ontario  
Buffalo, New York 14207

Seneca Vocational High School  
666 East Delavan  
Buffalo, New York 15215

South Park High School  
150 Southside Parkway  
Buffalo, New York 14220

Tonawanda Senior High Schools  
405 Meadow Drive  
North Tonawanda, New York 14120

## APPENDIX B

### BUSINESS AND INDUSTRY

|                                                                                                                         |                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| A. B. C. Paving Co.<br>3766 Sheridan Drive<br>Buffalo, New York 14226                                                   | American Steamship Co.<br>1016 Marine Trust Bldg.<br>Buffalo, New York 14203                          |
| A0 Instrument Company<br>Sugar and Eggert Roads<br>Buffalo, New York 14211                                              | Anaconda American Brass Co.<br>70 Sayre Street P.O.Box 981<br>Buffalo, New York 14240                 |
| ACME Fast Freight Inc.<br>205 Reiman Street P.O.Box 278<br>Buffalo, New York 14212                                      | Armour Food Products Co.<br>1490 Williams Street<br>Buffalo, New York 14240                           |
| ACME Markets Inc.<br>1670 Broadway P.O.Box 276<br>Buffalo, New York 14240                                               | Arrow Sheet Metal Works of Buffalo<br>85 Filmore Avenue<br>Buffalo, New York 14210                    |
| ACME Steel & Malleable Iron Works<br>Div. of Buffalo Brake Beam Co.<br>33-39 Chandler Street<br>Buffalo, New York 14207 | Ashland Oil and Refining Co. Inc.<br>2630 Elmwood Avenue<br>P. O. Box 1169<br>Buffalo, New York 14240 |
| ACME Welding Alloys Co.<br>1404 Hertel Avenue<br>Buffalo, New York 14216                                                | Atlas Steel Casting Co. Inc.<br>1963 Elmwood Avenue<br>Buffalo, New York 14207                        |
| ADAM, MELDRUM, & ANDERSON CO. INC.<br>383 Main Street<br>Buffalo, New York 14205                                        | Bank of Buffalo<br>17 Court Street<br>Buffalo, New York 14202                                         |
| AETNA Life Insurance Co.<br>135 Delaware Avenue<br>Buffalo, New York 14202                                              | Bethlehem Steel Corp.<br>3555 Lake Shore Road<br>Buffalo, New York 14219                              |
| Air Reduction Co. Inc.<br>1945 Sheridan Drive<br>Buffalo, New York                                                      | Bison Foods Co.<br>196 Scott Street<br>Buffalo, New York 14209                                        |
| Allied Chemical Corp.<br>1051 South Park Avenue P.O.Box 1689<br>Buffalo, New York 14240                                 | Blaw-Knox Co. / Food & Chem Div.<br>1543 Fillmore Avenue<br>Buffalo, New York 14211                   |
| American Airlines Inc.<br>Buffalo International Airport<br>Buffalo, New York 14225                                      | Blue Shield of Western New York Inc.<br>298 Main Street<br>Buffalo, New York 14202                    |
| American Precision Industries Inc.<br>2777 Walden Avenue<br>Buffalo, New York 14225                                     | Boss-Linco Lines, Inc.<br>450 Genesee Bldg.<br>Buffalo, New York 14240                                |
| American Standard Bond Plant<br>25 Rano Street<br>Buffalo, New York 14225                                               | Brost Motors Inc.<br>1285 Main Street<br>Buffalo, New York 14209                                      |

Buffalo Courier Express Inc.  
795 Main Street  
Buffalo, New York 14240

Buffalo Electric Co. Inc.  
76 West Mohawk Street  
Buffalo, New York 14202

Buffalo Evening News  
216 Main Street  
Buffalo, New York 14240

Buffalo Forge Co.  
490 Broadway P.O.Box 985  
Buffalo, New York 14240

Buffalo Savings Bank  
545 Main Street  
Buffalo, New York 14203

Buffalo Slag Co.  
111 Great Arrow Avenue  
Buffalo, New York 14216

Burt F. N. Co. Inc.  
2345 Walden Avenue P.O.Box 1089  
Buffalo, New York 14240

Chevrolet-Buffalo Div. General  
Motors--1001 Delavan Avenue East  
P.O.Box 972  
Buffalo, New York 14240

Chevrolet-Tonawanda Motor, Forge  
and Foundry Plants  
River Road Station B  
Buffalo, New York 14207

Columbus McKinnon Corp.  
Fremont Street  
Tonawanda, New York 14150

Consolidated Freightways Corp.  
1394 Military Road  
Buffalo, New York 14217

Continental Can Co.  
2122 Colvin Blvd  
Tonawanda, New York 14150

Cowper, JOHN W. Co., Inc.  
P.O. Box 1068  
Buffalo, New York 14240

Crescent Niagara Corp.  
70 Niagara Street  
Buffalo, New York 14202

Curtiss-Wright Corp.  
760 Northland Avenue  
Buffalo, New York 14215

D. & J Press Co., Inc.  
605 Main Street  
North Tonawanda, New York 14120

Darling, Herbert F. Engineering Contractors  
131 California Drive  
Buffalo, New York 14221

Deaconess Hospital of Buffalo  
1001 Humboldt Parkway  
Buffalo, New York 14208

Dobkin Electric Co. Inc.  
6 Stetson Street  
Buffalo, New York 14206

Donner-Hanna Coke Corp.  
Abby and Mystic Streets P.O.Box A.S. Park Sta  
Buffalo, New York 14220

Dunlop Tire and Rubber Corp.  
River Rd. and Sheridan Drive P.O.Box 2011  
Buffalo, New York 14240

DuPont E. I., DeNemours and Co. Inc.  
River Road  
Station B  
Buffalo, New York 14207

Electra-Gas Appliance Corp.  
421 Genesee Street  
Buffalo, New York 14204

Electro Refractories and Abrasives Corp.  
77 Olean Road  
East Aurora, New York 14052

Elliott Co. Div. Carrier Corp.  
250 Delaware Avenue  
Buffalo, New York 14202

Emergency Hospital Diocese of Buffalo  
108 Pine Street  
Buffalo, New York 14204

Erie County Savings Bank  
284 Main Street  
Buffalo, New York 14202

Ford Motor Co.  
3660 Lake Shore Road P.O.Box 1966  
Buffalo, New York 14219

|                                                                                                 |                                                                                         |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Frontier Refrigeration Corp.<br>110 Pearl Street<br>Buffalo, New York 14202                     | Houdaille Industries Inc.<br>One M & T Plaza<br>Buffalo, New York 14203                 |
| General Electric Co.<br>625 Delaware Avenue<br>P.O.Box 1087<br>Buffalo, New York 14240          | Household Finance Corp.<br>53 Court Street<br>Buffalo, New York 14202                   |
| General Mills Inc.<br>54 South Michigan Avenue<br>Buffalo, New York 14203                       | Humble Oil and Refining Co.<br>3727 River Road<br>Tonawanda, New York 14150             |
| Gleasner Corp.<br>2260 Fillmore Avenue P.O.Box 808<br>Buffalo, New York 14240                   | International Business Machines Corp.<br>698 Delaware Avenue<br>Buffalo, New York 14209 |
| Gioia Macaroni Co., Inc.<br>1700 Elmwood Avenue<br>Buffalo, New York 14207                      | Iroquois Gas Corp.<br>Ten Lafayette Square<br>Buffalo, New York 14203                   |
| Graphic Controls Corp.<br>189 Van Rensselaer Street<br>Buffalo, New York 14210                  | Jeffrey-Fell Co.<br>1700 Main Street<br>Buffalo, New York 14209                         |
| Great Atlantic and Pacific Tea Co.<br>519 Hamburg Street P.O.Box 983<br>Buffalo, New York 14240 | Jones-Rich Milk Corp.<br>70 East Ferry Street<br>Buffalo, New York 14209                |
| Gulf Oil Corp.<br>River Road #4360<br>Tonawanda, New York 14150                                 | Joy Manufacturing Co.<br>3101 Broadway<br>Buffalo, New York 14225                       |
| Hanna Furnace Corp.<br>1000 Walbridge Bldg.<br>Buffalo, New York 14202                          | Kenmore Chrysler-Plymouth Inc.<br>2315 Delaware Avenue<br>Buffalo, New York 14216       |
| Hard Manufacturing Co. Inc.<br>2020 Elmwood Avenue<br>Buffalo, New York 14207                   | Kittinger Co. Inc.<br>1893 Elmwood Avenue<br>Buffalo, New York 14207                    |
| Harrison Radiator Div. of GMC<br>55 Clyde Avenue<br>Buffalo, New York 14215                     | Kleinhans Co.<br>Main and Clinton Streets<br>Buffalo, New York 14203                    |
| Hengerer, Wm. Co.<br>465 Main Street<br>Buffalo, New York 14205                                 | Liberty National Bank and Trust Co.<br>424 Main Street<br>Buffalo, New York 14202       |
| Hens and Kelly Inc.<br>478 Main Street<br>Buffalo, New York 14202                               | Linde Co. Div. of Union Carbide Corp.<br>120 Delaware Avenue<br>Buffalo, New York 14202 |
| Hewitt - Robins, Inc.<br>240 Kensington Avenue<br>Buffalo, New York 14240                       | Loblaw Inc.<br>692 Bailey Avenue P.O.Box 941<br>Buffalo, New York 14240                 |

|                                                                                                  |                                                                                          |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Lucidol Div. Wallace & Tiernan Inc<br>1740 Military Road P.O.Box 1048<br>Buffalo, New York 14240 | Niagara Mohawk Power Corp.<br>635 Washington Street<br>Buffalo, New York 14203           |
| Maday Body and Equip Corp.<br>575 Howard Street<br>Buffalo, New York 14206                       | Owens-Corning Fiberglas Corp.<br>360 Delaware Avenue<br>Buffalo, New York 14202          |
| Manufacturers & Traders Trust Co.<br>One M & T Plaza<br>Buffalo, New York 14240                  | Pillsbury Co.<br>250 Ganson Street P.O.Box 487<br>Buffalo, New York 14240                |
| Marine Midland Trust Co. of WNY<br>Main and Seneca Streets<br>Buffalo, New York 14203            | Remington Rand Div. Sperry Rand Inc.<br>1484 Sheridan Drive<br>Tonawanda, New York 14217 |
| McDougall-Butler Co. Inc.<br>2939 Main Street<br>Buffalo, New York 14214                         | Republic Steel Corp.<br>P.O.Box 6<br>Buffalo, New York 14240                             |
| Merchants Mutual Insurance Co.<br>250 Main Street<br>Buffalo, New York 14240                     | Roblin Steel Corp.<br>290 Main Street<br>Buffalo, New York 14202                         |
| Metropolitan Life Insurance Co.<br>661 Delaware Avenue<br>Buffalo, New York 14202                | Sample Inc.<br>1631 Hertel Avenue<br>Buffalo, New York 14216                             |
| Millard Fillmore Hospital<br>3 Gates Circle<br>Buffalo, New York 14209                           | Sattlers' Inc.<br>998 Broadway<br>Buffalo, New York 14212                                |
| Mollenberg-Betz Machine Co. Inc.<br>20-26 Henry Street<br>Buffalo, New York 14202                | Sears Roebuck and Co.<br>1905 Main Street<br>Buffalo, New York 14208                     |
| Mushroom Transportation Co. Inc.<br>66 Milens Road<br>Tonawanda, New York 14150                  | Service Systems Corp.<br>260 Elmwood Avenue<br>Buffalo, New York 14222                   |
| National Biscuit Co.<br>243 Urban Street P.O.Box 3011<br>Buffalo, New York 14205                 | Siegfried Construction Co. Inc.<br>6 North Pearl Street<br>Buffalo, New York 14202       |
| National Gypsum Co.<br>325 Delaware Avenue<br>Buffalo, New York 14202                            | Spaulding Fibre Co. Inc.<br>310 Wheeler Street<br>Tonawanda, New York 14150              |
| New York Telephone Co.<br>One M & T Plaza<br>Buffalo, New York 14202                             | Trico Products Corp.<br>817 Washington Street<br>Buffalo, New York 14203                 |
| Niagara Frontier Transit System<br>855 Main Street<br>Buffalo, New York 14203                    | Twin Industries Corp.<br>455 Cayuga Road P.O.Box 107<br>Buffalo, New York 14225          |

WBEN Inc.  
2077 Elmwood Avenue  
Buffalo, New York 14207

WKBW Capital Cities Broadcasting  
1430 Main Street  
Buffalo, New York 14209

WGR AM-FM Taft Broadcasting  
184 Burton Street  
Buffalo, New York 14213

Western Electric Co. Inc.  
Buffalo Plant Kenmore & Vulcan  
Sta B Buffalo, New York 14207

Western Savings Bank of Buffalo  
438 Main Street  
Buffalo, New York 14202

Westinghouse Electric Corp.  
4454 Genesee Street P.O.Box 225  
Buffalo, New York 14240

Williams J. H. and Co.  
400 Vulcan Street  
Buffalo, New York 14207

Worthington Corp.  
Clinton Str at Roberts Avenue P.O.Box 69  
Buffalo, New York 14240



277 PARK AVENUE, NEW YORK, NEW YORK 10017, PHONE (212) 922-2500

March 3, 1969

Mr. Knute H. Holmberg  
Supervisor, Institute Research  
Erie County Technical Institute  
Main Street and Youngs Road (Amherst)  
Buffalo, New York 14221

Dear Mr. Holmberg:

Your letter directed to our Durez Division has been forwarded to my attention. We have in the past recruited quite often at Erie Tech and because we have the corporate responsibility for recruiting, it was deemed most appropriate for me to reply to your questionnaire.

Although we have completed the questionnaire, we wish you to amplify on two areas checked. I am sure that I speak for many of the chemical companies in the Western New York area when I say that there is a real need for a chemical technology curriculum.

While the industrial chemical program at the main campus of Erie County Tech is suitable for providing lab type personnel for research labs and control labs, it is not quite suitable in trying to fill technician needs in other areas. I refer to those activities concerned with process development, semi-commercial development, and other engineering assistant type positions requiring a knowledge of chemical processing equipment and hardware. We feel that there is an urgent and critical need for a chemical technological program with course work emphasis in unit operations labs, pilot plant and bench scale prototype equipment, reactors, distillations columns, etc.

Mr. Knute H. Holmberg

-2-

March 3, 1969

Secondly, this process has become more automated and the whole area of process instrumentation and controls has grown, we need technicians who can assist instrumentation engineers in instrumentation, design, engineering and development. This would include familiarity with both pneumatic and electronic controls.

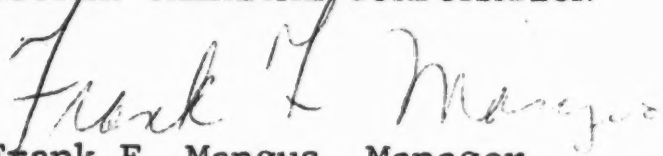
If you feel you can use some assistance in developing a program for such a curriculum, I would suggest your getting in touch with Messrs. M. O. Bird and C. E. Gayler of our Corporate Engineering Department located at Grand Island. I trust that you will weigh these two areas seriously because there is a crying need for such people.

In the data processing area, we would be interested in a data processing program which would produce computer operators of IBM 360/40 equipment and also an additional program which emphasizes the operation of digital computers such as the IBM 1130 and Fortran language. In our 360 operation, we utilize cobalt primarily.

I trust the above information is not presumptuous on my part because there is a strong need for candidates of this type at Hooker, Allied, Stauffer, Olin Mathieson and many other chemical and process type companies. If you have any questions, please feel free to call me collect at the above number.

Cordially yours,

HOOKER CHEMICAL CORPORATION

  
Frank F. Mangus, Manager  
Manpower Planning & Employment

FFM:li

APPENDIX D

ERIE COUNTY TECHNICAL INSTITUTE  
Main Street and Youngs Road  
Buffalo, New York 14221

LETTER SENT TO WHITE AND BLACK  
COMMUNITY LEADERS

Dear Sir:

As you are probably aware, Erie County Technical Institute is planning a multi-campus operation. These will be located in Amherst (present), Hamburg-Orchard Park (Southtowns), and Buffalo (Lakeside).

The academic planning for the Southtowns site is nearing completion and now we turn our efforts to the academic planning for the Urban Campus.

A great deal of thought and effort must be given to a venture such as this calling upon the foresight of educators, businessmen, and community leaders. The purpose of a Community College is to serve all segments of the community from which it will draw its students. It must provide meaningful post-secondary education, enabling the graduate to take his place in the mainstream of society.

It is our intention, therefore, to enlist the aid of community leaders, white and black, to assist us in developing the Lakeside Campus. This will be accomplished through a series of meetings at which we hope to answer the following questions:

1. What factors, if any, make the Urban student different from Amherst or Hamburg?
2. What programs should be implemented at the Buffalo site?
3. What programs do the students want?
4. What programs do the community leaders feel are desirable?
5. What will be the breakdown of vocational, technical, Liberal Arts?

To this end I am requesting your attendance at an informal discussion to be held at the Urban Center, 220 Delaware Avenue, at p.m. on . Without your cooperation and assistance we cannot hope to establish a vibrant and effective college to complement that which already exists in Amherst.

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